

PLAN OF PANEL WITH WELDED WIRE MAT
No scale

- Notes:
- ① Distance as required to permit coupler to be swaged.
 - ② Place #4 bar, 3' - 2" long, centered on connector mat, but not welded to it.
 - ③ Length equals "Base width" of wall, except it shall not be less than 16' for the top 2 levels of mats at the top of the wall.
 - ④ All Transverse Wires size W11 at various spacings as shown elsewhere in plans.
 - ⑤ All Longitudinal Wires at 6" spacing, of various sizes, as shown elsewhere in plans.

GENERAL NOTES (MSE WALLS)

Live loading: Surcharge = 240 lb/ft²

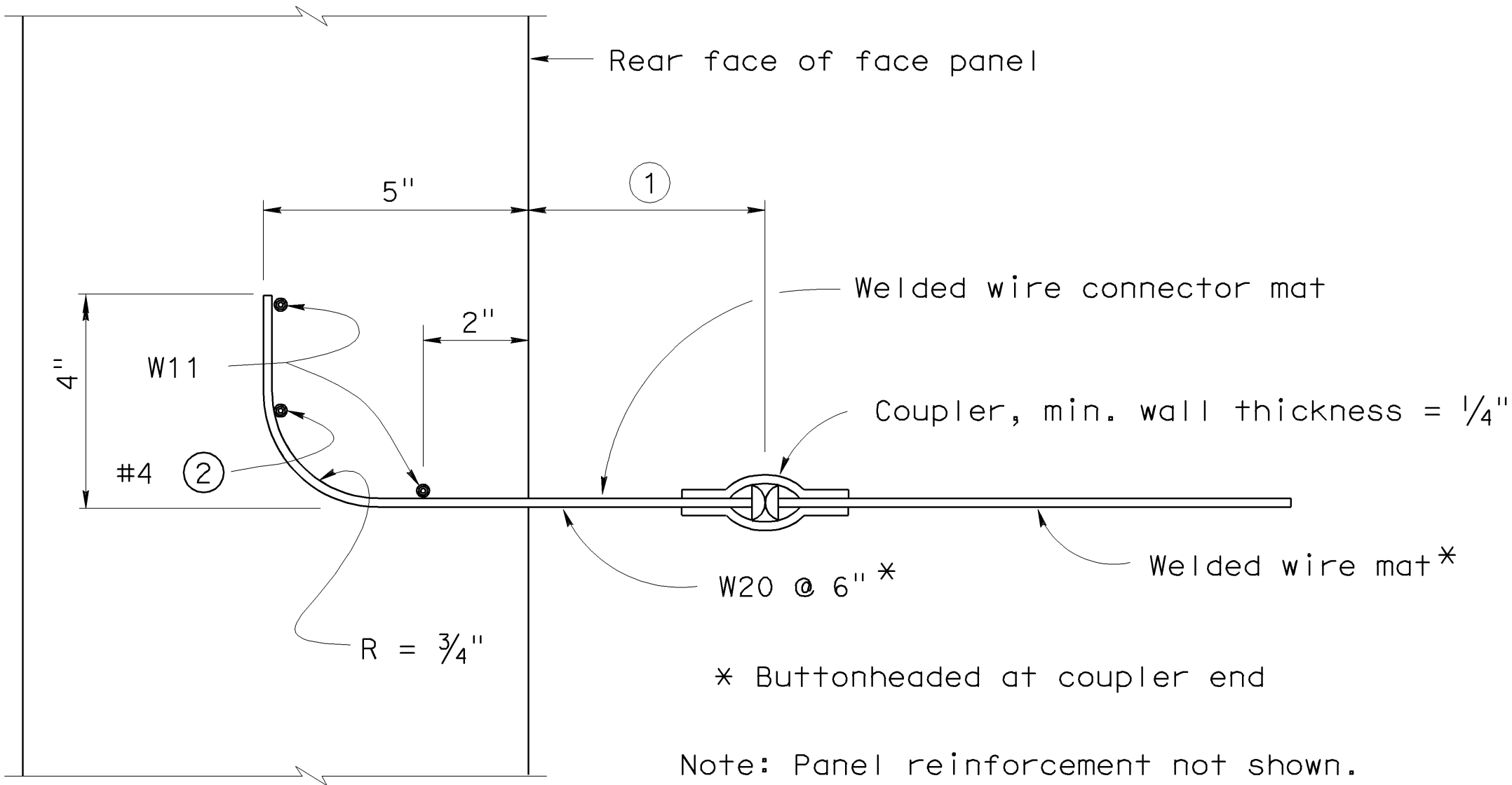
Soil parameters:
Internal design $\phi = 34^\circ$, $\gamma = 120$ lb/ft³
External design ϕ (Backfill) = 34° , $\gamma = 120$ lb/ft³
 ϕ (Foundation) = 30°

Precast concrete panels:
 $f'c = 4,000$ psi (Concrete compressive strength at 28 days)
 $fy = 60,000$ psi (Yield strength of reinforcement)

Soil reinforcement:
Welded wire mats: $fy = 65,000$ psi (Yield strength)
Coupler: $fy = 36,000$ psi (Yield strength)
Corrosion rate = 1.1 mils/year

Reinforced concrete:
 $f'c = 3,600$ psi, except as noted
(Concrete compressive strength at 28 days)
 $fy = 60,000$ psi (Yield strength of reinforcement)

MSE = Mechanically stabilized embankment



SECTION B-B
No scale